

RSF-100

REACTIVE SILICONE FLUID™

SAM RSF-100

Plasticizer for Platinum Silicone

(also softens tin cure silicone and silicone caulking)

SAM RSF-100 is a Low Viscosity 100 centastoke* Reactive Silicone Plasticizer Fluid. It cures to be part of the Platinum silicone matrix. It won't bleed out as dimethyl silicone fluids do.

High viscosity reactive silicone fluids are used in making silicone gel filled appliances. They make a 'meaty' platinum silicone gel with a sluggish return. For soft gels, 150% or more on the rubber is sometimes used.

Low viscosity SAM RSF-100 produces a bouncier, snappier gel or soft rubber.

SAM RSF-100 is more efficient a softener than high viscosity silicone fluids. Use 10 - 25 % in 10 Shore A Durometer Platinum Silicone. A skin or barrier is recommended when using more than 20%. Use more for making higher Durometer silicones softer. Use up to 10% for thinning viscous silicones. Use to dilute silicone pigments for easy to measure translucent silicone colors.

May slow cure time. Speed up cure with heat or cure accelerator.

While considered low or 'non-bleed' in platinum silicone, RSF-100 fluid tends to bleed out when used in *tin cure silicone* or *silicone caulking*. The more you use, the more it bleeds. It will eventually reach a homeostasis point for a given silicone and not bleed so much. Remove surface excess with SAM OSS Odorless Silicone Solvent.

As with all platinum silicone components, keep away from tin, sulfur, latex, latex foam. Sulfur and tin inhibit the cure of platinum silicone.

For Professional Use Only

* 1 centastoke = viscosity of water